



# The Blurb



*Newsletter of The Phil-Mont Mobile Radio Club*

***65 Years of Public Service, 1949 to 2014***

Volume 65 Number 5

[www.phil-mont.org](http://www.phil-mont.org)

May 2014

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*The Regular Club Meeting Will be on Wednesday the 14<sup>th</sup> in the  
Roxborough Hospital Cafeteria at 7:30  
Board Meeting is on the 7<sup>th</sup>*

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## *Time for May Flowers!*

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### **And our top story tonight...**

Thanks to Treasurer Jim NS3K and President Fred KA3IRJ, Yaesu is providing PMRC with a brand new DR-1 Fusion Repeater system for FREE!



*And*

The May meeting should be terrific with featured guest Allan Wolke W2AEW, a Tektronix Field Engineer with a wealth of experience with electronics. Alan's presentation will be on *Oscilloscope use in the Ham Radio Shack*

*Read all about it in the Prez Sez!*

<p><b>The Blurb</b> is published monthly by and for the members of The PHIL-MONT MOBILE RADIO CLUB, Inc., whose purpose is to promote Amateur Radio in general, and Mobile Radio in particular. <b>Copying and quoting</b> is permitted with a credit line. We gladly exchange publications with other amateur radio clubs.</p> <p>Requests should be sent to the Editor: Rick DeVirgiliis <b>ND3B</b> nd3b@arrl.net 215-908-7225</p> <p><b>Subscriptions</b> are available to non-members for \$12, addressed to the Treasurer.</p> <p><b>Labels and mailing:</b> KB3IV</p> <p><b>Submissions deadline:</b> All copy must be in the hands of the Editor by the 20th of the previous month.</p>	<p><b>Directors:</b></p> <p><b>WA3KIO(14)</b> <b>WU3I (14)</b> <b>KB3SJS(14)</b> <b>N3QV(15)</b> <b>ND3B(15)</b> <b>W3RM(15)</b> <b>KB2ERL(A)</b></p>	<p><b>Contact Phil-Mont: P.O. Box 284 Springhouse, PA 19477</b> <a href="http://www.phil-mont.org">http://www.phil-mont.org</a> Website: Eric N3QV &amp; Andrew KC2PMW</p> <p><b>For club information:</b> Contact any club officer, or the repeaters listed below. Address or club directory changes and articles for the membership e-mail list should be sent to: KB3IV</p>				
<p><b>Sunday Morning Net Schedules</b></p> <ul style="list-style-type: none"> <li>• <b>2 Meter/ 70cm Net</b> ..... at 0930L on W3QV repeater</li> <li>• <b>10-on-10 Net</b> ..... at 1000L 28.393 MHz USB (<math>\pm</math>QRM)</li> <li>• <b>75 meter Net</b> ..... at 1020L 3.993 MHz LSB</li> <li>• <b>ARES</b> at 2100L on the W3QV repeater</li> </ul> <table border="1" data-bbox="96 903 1537 1161"> <tr> <td data-bbox="96 903 458 1161"> <p><b>Committees</b></p> <p>Blurb folding: KB3IV &amp; N3GLU Directory: KB3IV Field Day: KC2PMW</p> </td><td data-bbox="458 903 845 1161"> <p>Internet: N3QV &amp; KC2PMW Membership: KB3SJT Net Control: KB3IV</p> </td><td data-bbox="845 903 1204 1161"> <p>Program: Club VP Publicity: W3RM Refreshments: W3AOK Repeater: W3AOK</p> </td><td data-bbox="1204 903 1537 1161"> <p>Scholarship: W3RM Sunshine: N3GLU VE Program: NS3K Welcome: N3UBY Youth: KC2PMW</p> </td></tr> </table>			<p><b>Committees</b></p> <p>Blurb folding: KB3IV &amp; N3GLU Directory: KB3IV Field Day: KC2PMW</p>	<p>Internet: N3QV &amp; KC2PMW Membership: KB3SJT Net Control: KB3IV</p>	<p>Program: Club VP Publicity: W3RM Refreshments: W3AOK Repeater: W3AOK</p>	<p>Scholarship: W3RM Sunshine: N3GLU VE Program: NS3K Welcome: N3UBY Youth: KC2PMW</p>
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### *All visitors are welcome!*

The club meets at 7:30 PM on the *second* non-holiday Wednesday each month except July and August at  
**Roxborough Memorial Hospital**, 5800 Ridge Avenue, Philadelphia, PA 19128  
Maps and directions are available at [www.phil-mont.org](http://www.phil-mont.org).

**License Examinations** are held on the fourth **non-holiday Thursday** each month at  
**Community Ambulance Association, 1414 E. Butler Pike, Ambler PA 19002**

Registration begins at 7:00 P.M. Applicants should contact Jim McCloskey NS3K at 215-275-2979 or [jmcclloskey@msn.com](mailto:jmcclloskey@msn.com) for the latest information.

**Club Stations W3QV/R: The Jim Spencer Memorial Repeater System**  
Ridge & Port Royal Avenues, Philadelphia, PA **Trustee: W3RM**  
**147.03 MHz + PL 91.5 Hz    444.80 MHz + PL 186.2 Hz**  
Reach us on EchoLink through W3QV-R  
**W3AA Trustee: WU3I**  
**W3EM: Field Day/special event station Trustee: N3QV**

### *The Officers*

**Pres:** KA3IRJ Fred Uebelhoer Jr. [fred@ksecorp.com](mailto:fred@ksecorp.com)  
**Vice Pres:** W3STW Al Tribble [wstw@juno.com](mailto:wstw@juno.com)  
**Sec:** WA3DSP Doug Crompton [doug@crompton.com](mailto:doug@crompton.com)  
**Treas:** NS3K Jim McCloskey [jmcclloskey@msn.com](mailto:jmcclloskey@msn.com)

***The Prez Sez ...***

Greetings!

Well, lots of news that's fit to print this month.

Let's start with the May meeting. Our presenter will be [Allan Wolke \(W2AEW\)](#), a Tektronix Field Engineer with a wealth of experience with electronics. Alan's presentation will be on [\*\*Oscilloscope use in the Ham Radio Shack\*\*](#). Take a look at his You Tube Channel [here](#), it's very interesting, and if you have not been to a meeting in a while you do not want to miss this one.

On another front, thanks to our esteemed Treasurer [Jim \(NS3K\)](#), on Friday April 18<sup>th</sup> I signed an Agreement on behalf of PMRC with Yaesu USA to obtain a brand Yaesu [\*\*DR-1 Fusion Repeater system\*\*](#) FREE OF CHARGE! (As in gratis, no obligation, on the house.)

Jim had the initial idea for this and sent me the application. After some negotiations from up here on [Areffe Knob](#), Yaesu agreed to provide one of these state of the art analog/digital repeater systems (and two [dual mode analog/digital radios](#)) to Phil-Mont, which will remain with us on "indefinite consignment."

**This does not mean (and I want to stress this) that you have to go out and buy a new digital radio, although when you see what this system can do you may want to!** Your existing radios will work just fine with the new machine, which is

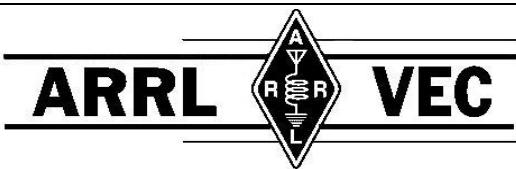
replacing hardware that is WAY past the end of its useful lifetime. [This brochure](#) gives a good overall discussion of [digital communications](#) and what this will mean for Ham Radio.

As the name [Fusion](#) implies, the new repeater system will help us transition into the digital world, allowing a mix of users to communicate using both analog and digital signals for the immediate future. The system is capable of automatically identifying (AMS) the type of incoming signal, and will **ACTUALLY TRANSLATE INCOMING DIGITAL SIGNALS SO ANALOG USERS CAN HEAR THEM!** In future it will be able to handle file transfers and even send pictures over the repeater! One of their dual mode radios ([FTM-400](#)) has an optional microphone with a built in camera that allows users to transfer pictures in nearly real time to other users. APRS (Automatic Position Reporting System) capability, a "Group List" so you can see the range and position of other users right from the screen on your radio.

The transition is a complex affair, but thanks to the Technical prowess of our Engineering Team of Bill (W3AOK) and Jack (WA3BXH), the job is in very capable hands. This is not to suggest there will not be a few teething problems, however this upgrade is absolutely necessary to insure that we can all continue to enjoy the reliable communications we have come to expect from the W3QV repeater system, so I ask your indulgence while any problems are worked out.

Phil-Mont, as it was with the repeater in Jim Spencer's day, will be at the forefront of this new era. I'll sign here for now, but stay tuned. I hope to get an eyeball QSO you all at the May meeting, and until then I'll see you on the airwaves! (3.924 @ 9PM daily)

73, Fred [KA3IRJ](#)



***The VE test session is Thursday evening  
the 22<sup>nd</sup> this month.***

***As always, many thanks to our VE team!***

### ***Phil-Mont Birthdays & Tidbytes***

### **May Birthdays**

02 Audrey Uebelhoer - KB3UFX  
05 Paul Policarpo - N3PP  
15 Doug Crompton - WA3DSP  
James Kavanagh - WQ3H  
17 Herb Scott - N3OLK  
28 Peggy Kaufmann - KB3DID  
29 Maggie Leber - K3XS  
30 Bill Chedeville - W3GQD

### **MEMBERSHIP STATS**

At press time P.M.R.C. has:  
89 Full paid members  
8 Family members  
2 Youth members  
1 Honorary member

### ***From the Secretary...***

### ***PMRC General Meeting, April 9<sup>th</sup>, 2014***

The meeting was called to order at 7:30 PM by club president Fred, KA3IRJ. There were 24 club members and 10 visitors in attendance. Mark, WA3QVU was in attendance and announced the upcoming Warminster ARC hamfest to be held May 4 at the Middletown Grange Fairgrounds. After some brief announcements the meeting proceeded to the showing of two amateur radio related videos and presentations by PMRC member of their DIY projects.

The first video from the ARRL library was titled “The DIY Magic of Amateur Radio.” Following the video Jack, K3CHR showed off his single tube 6V6 40/80 meter transmitter. He uses it with a Hallicrafters S-53 receiver for a real classic 1940/50 station. Jack commented how he turns the lights off at night and is mesmerized by the warm glow of the tubes. The next presentation was a DIY project by Fred, KA3IRJ showing his restored YO-100 station monitor. Fred also gave a presentation on his homebrew variac box showing details of the construction. Bill, W3AOK gave a presentation on his hombrew line thrower for antenna erection and his APRS project using the TinyTrak 3.

We then saw another ARRL video titled “Ham Radio Today” which featured the late Walter Cronkite who was a ham extolling the many virtues of amateur radio.

Ed, KB3IV announced he was available at the meeting to program hand-holds and John, KB3SJS coordinator for the PMRC 2014 Field Day announced that he has band captains for all bands except 10 meters.

The meeting was adjourned at 9 PM.

Doug, WA3DSP

***de Doug, WA3DSP***

## The Great Antenna Caper de KA3IRJ

Attached please find a bunch of photos taken during the movement of the Hy-Gain 52 ft. Crank Up Tower recently relocated from Roxborough to the Farm up here.

Bill (W3AOK) donated the tower to yours truly for the price of taking it out of there (he has since sold the house) and as you can see we used a standard dual axle heavy duty car trailer to move it. It was a great idea, but the trailer had a bad tire which made for a very long day. But after plugging the tire by the side of the road and pumping it up with an on board compressor we were back on our way. My friend Jim Stimson lent a hand and rode along for the trip.

The hardest part was getting that rig out of the narrow streets of Roxborough on a Sunday afternoon. Everybody and their brother was there visiting Grandma and there were cars parked everywhere, and PGW had our main escape route blocked and the street torn up. We had to use the sidewalk (on both sides) of the road to navigate a alternate narrow side street behind Bill's old QTH, and Jim had to get out at several points to judge the distance between the end of the tower and illegally parked cars. One cleared by less than 2"! The advice I received over the radio from the ground crew was "ease forward and don't sneeze." (hihi)

*That sounds like quite an adventure!*





*Just put it on the pallet Fred. Hmm...*



*Success!*

*These Radio Amateurs have applied for  
Membership in PMRC*

Richard Roth K2RSJ  
General Class  
ARRL member  
701 Parker Ln.  
Springfield, Pa 19064  
Xyl Susan

Lawrence Bennet (Larry) NJ3Z  
Extra Class  
ARRl member  
34 Ivy Circle  
Eagleville, PA 19403  
Xyl Barbara

Jim Leahy N0VVV  
Extra class  
ARRL member  
2980 Middle Rd  
North Clarendon VT 05759

**For Sale:** 1/8" (290#) & 3/16" (380#) Dark Olive Drab Braided Cord · 100% Polyester/Dacron Knit Braided. Nice stuff! Tough and long lasting · UV Resistant and Low Stretch *Proudly Made in the U.S.A.!* Contact Steve WU3I at [wu3i@arrl.net](mailto:wu3i@arrl.net) or **215-605-6074** Asus netbook win 7 home 150.00 Motorola zoom, droid 4.1 200.00 LDG Autotuner at200pc 75.00 Contact Ted Katz N3OWM, **856-663-5962**

*Also*

**125ft RG-213U w/connectors**  
**WA3IFY Jay**  
**215-289-4531**

**May at Phil-Mont**

- 4 Sun WU3I
- 7 Wed Board Meeting
- 11 Sun KB3IV  
Mother's Day
- 14 General Meeting
- 18 Sun KB3IV
- 22 Thur VE Evening Session
- 25 Sun W3MHP

*Don't forget the ARES net on Sunday nights and  
the Digital net on Tuesday nights.*

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**First Class Mail**

1700 Street Rd Apt. H3, Warminster PA, 18976  
The Phil-Mont Mobile Radio Club, Inc

